

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| | |
| Name | Execution Date |
| ALEXANDER HYNES | 04/27/2023 |
| MARIE-LAURENCE LEMAY | 04/30/2023 |
| SLYVAIN MOINEAU | 04/27/2023 |
| GENEVIEVE ROUSSEAU | 04/27/2023 |
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| PROPERTY NUMBERS Total: 1 | |
| | |
| Property Type | Number |
| Application Number: | 16607849 |
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| NAME OF SUBMITTER: | TRACEY DOTTER |
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| DATE SIGNED: | 06/28/2023 |
| Total Attachments: 7 | |
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**WORLDWIDE PATENT ASSIGNMENT FROM NAMED INVENTOR TO ASSIGNEE COMPANY
(FOR A FILED PATENT APPLICATION)**

| | |
|-------------------------------------|--|
| Named Inventors | 1) Alexander Hynes 2) Marie-Laurence Lemay 3) Sylvain Moineau 4) Genevieve Rousseau |
| Assignee Company | Université Laval a corporation formed under the laws of Québec/Canada and having a principal place of business at 2325, rue des Bibliothèques, Québec, G1 V0A6 |
| Assigned Patent Applications | 1) US Patent Application No. 16/607,849 Title: NOVEL ANTI-CRISPR POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS OF USE Filing date: October 22, 2019 Attorney docket No.: NB41268-US-PCT |
| | 2) PCT Patent Application No. PCT/EP2018/060510 Title: NOVEL ANTI-CRISPR POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS OF USE Filing date: April 24, 2018 Attorney docket No.: NB41268-WO-PCT |
| | 3) US Provisional Patent Application No. 62/510,914 Title: NOVEL ANTI-CRISPR POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS OF USE Filing date: May 25, 2018 Attorney docket No.: NB41268-US-PSP[2] |
| | 4) US Provisional Patent Application No. 62/488,981 Title: NOVEL ANTI-CRISPR POLYNUCLEOTIDES AND POLYPEPTIDES AND METHODS OF USE Filing date: April 24, 2018 Attorney docket No.: NB41268-US-PSP |
| | 5) US Provisional Patent Application No. 62/510,896 Title: NOVEL ANTI-CRISPR GENES AND PROTEINS AND METHODS OF USE Filing date: May 25, 2018 Attorney docket No.: NB41267-US-PSP[2] |
| | 6) US Provisional Patent Application No. 62/488,969 Title: NOVEL ANTI-CRISPR GENES AND PROTEINS AND METHODS OF USE Filing date: April 24, 2018 Attorney docket No.: NB41267-US-PSP |

For valuable consideration (the receipt and adequacy of which is hereby acknowledged) and in fulfillment of a pre-existing obligation to assign, Named Inventor assigns to Assignee Company all of Named Inventor's worldwide rights, title and interest, whether joint or sole, in and to:

- the Assigned Patent Application and the invention(s) disclosed in it;
- any patent that grants from the Assigned Patent Application;

- any patent application or patent to which the Assigned Patent Application claims priority under the Paris Convention, Patent Cooperation Treaty, any other international treaty, or any law or regulation of any country;
- any patent application or patent having a specification that is substantively identical to the Assigned Patent Application;
- any patent application or patent claiming priority under the Paris Convention, Patent Cooperation Treaty, any other international treaty, or any law or regulation of any country to any of the above-referenced patent applications or patents, including any non-provisional, regional or national phase, continuation, divisional, continuation-in-part, reissue, reexamination, foreign counterpart, utility model, design, inventor certificate, extension, supplementary protection certificate, renewal or similar legal right; and
- any other patent application or patent claiming an invention disclosed in the Assigned Patent Application, including foreign counterparts.

All rights, title and interests assigned in this assignment are hereby to be held and enjoyed by Assignee Company to the same extent as such rights, title and interests would have been held and enjoyed by the Named Inventor had this assignment not been made. The rights, title and interests assigned by this assignment include, but are not limited to, all of Named Inventor's rights, title and interests throughout the world to file, claim priority to, prosecute, maintain, amend, abandon, publish, keep confidential, assign, license, transfer, enforce and collect all past and future damages from the infringement of the above-referenced patent applications and patents. To the extent the Named Inventor has already assigned such rights, title and interests to Assignee Company by virtue of the Named Inventor's employment contract or otherwise, this assignment confirms that earlier assignment.

As part of this assignment, Named Inventor and Named Inventor's legal representatives, administrators and assigns agree to execute promptly upon request all documents (e.g., declarations, oaths, affidavits, disclaimers and assignments) necessary or desirable for Assignee Company and its legal representatives to file, prosecute, amend, maintain, establish ownership, defend the validity and enforceability of, enforce, and collect infringement damages in connection with the above-referenced patent applications and patents; and cooperate in every way possible with Assignee Company and its legal representatives to obtain evidence, provide facts and technical guidance, testify (either in the country in which Named Inventor resides or the nearest country in which such testimony is legal if the country in which Named Inventor resides prohibits such testimony) and otherwise assist with any administrative or judicial proceeding related to filing, prosecuting, amending, maintaining, establishing ownership, defending the validity and enforceability of, enforcing, or collecting damages in connection with the above-referenced patent applications and patents.

The Named Inventor agrees that the Assignee Company and its legal representatives have the power to insert into this document any corrections or further identifying information relating to the above-referenced patent applications and patents (including, but not limited to, the filing date and the application number) as may be necessary or desirable to correct any typographical error and/or or comply with the rules of any country where an above-referenced patent application or patent may be filed, enforced, licensed or owned.

The Named Inventor authorizes the Assignee Company and its legal representatives to record this assignment as may be desirable or necessary to support the filing, prosecution, maintenance, defense, ownership, enforcement, collection of infringement damages in connection with the above-referenced patent applications and patents, and further authorizes the Assignee Company and its legal

representatives to translate this assignment into any language as necessary or desirable for such purposes. The Named Inventor also requests that all the above-referenced patents be issued in the name of Assignee Company.

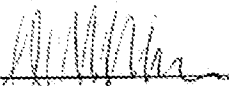
The Named Inventor represents that he/she understands that the patent practitioners and attorneys working for Assignee Company are NOT legal representatives of or attorneys for the Named Inventor.

Any provision of this assignment which is prohibited or unenforceable in any jurisdiction shall, as to such jurisdiction, be ineffective to the extent of such prohibition or unenforceability without invalidating the remaining provisions of this assignment. Any such prohibition or unenforceability in any jurisdiction shall not invalidate or render unenforceable such provision in any other jurisdiction.

Assignee Company may assign, license or otherwise transfer all or part of its rights, title and interests under this assignment to any of Assignee Company's affiliates or any third party. Any assignee, licensee or other successor of such rights, title and interests may also do the same. All obligations of the Named Inventor with respect to such transferred rights, title and interests shall inure to the benefit of the new assignee, licensee or other successor.

The Named Inventor represents that he/she has reviewed the Assigned Patent Application; has full right to convey all the rights, title and interests assigned by this assignment; and has not executed, and will not execute, any license, assignment or other document in conflict with this assignment.

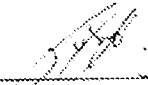
Signatures of Named Inventor and witness of Named Inventor's signature




Alexander Hynes

27/04/23

Date

 JULIEN PUTO

Witness (print name)

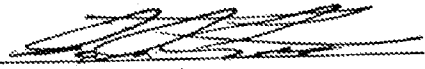


Witness (signature)

Marie-L. Lemay
Marie-Laurence Lemay

30/04/2023
Date

Hakim Hoummane
Witness (print name)


Witness (signature)

Signatures of Named Inventor and witness of Named Inventor's signature

Sylvain Moineau

Signature numérique de Sylvain Moineau

Date : 2023.04.27 09:07:18 -04'00'

Sylvain Moineau

Date

Denise Tremblay

Denise Tremblay

Witness (print name)

Witness (signature)

Signatures of Named Inventor and witness of Named Inventor's signature

Genevieve Rousseau
Genevieve Rousseau

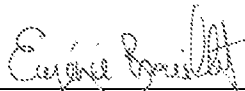
April 27th 2023
Date

Stéphanie Lignon
Witness (print name)

Stéphanie Lignon
Witness (signature)

Signature of authorized representative of Assignee Company

Eugénie Brouillet, VP Research and Innovation
Authorized Representative (print name)



Authorized Representative (signature)

01-05-2023
Date